Our world is at Hour One of a new day ... a new era of massive changes. With these changes, come challenges.

**CHALLENGES TO GLOBALISM**

Globalization has lifted 1.2 billion people out of extreme poverty since 1981.

- **Rise in electoral wins by populist radical right wing parties in Western Europe 1980-2016.**
- **The same trend has played out in the United States.**

**Why?** Because the gains from globalization have been uneven.

- **Globalization has lifted 1.2 billion people out of extreme poverty since 1981.**
- **% of Global Population Living on Less than $1.90 a day (Inflation adjusted)**

But in many parts of the world, income inequality has risen dramatically.

**% Change in Gini Coefficient 1975-2010**

- More Unequal 27% 22% 17% 6%
- More Equal -9% -32% -42%

**PLANETARY CHALLENGES**

We have now entered a new geologic epoch, defined by human influences, called the Anthropocene.

![Graph showing changes in CO2 Concentration over time](image)

- **CO2 Concentration**
- **Loss of Tropical Rain Forest and Woodland % of 1700 value**
- **Species Extinctions Thousands**

**By nearly every measure, we’ve impacted our environment more in the last half century than in our entire existence before that.**

...And that takes a new brand of education and training.

**LEADERSHIP FOR THE 4TH INDUSTRIAL REVOLUTION**

- **Projected productivity jump, starting between 2028 and 2033**
- **Share of the jobs that will exist in 2035 but do not exist today**
- **Value added to the U.S. economy alone, with similar gains in India, China, and other nations**
- **Share of the core job skills that will be required in 2020 but were not required in 2015**

**TECHNOLOGY CHALLENGES**

The pace of technological change continues to accelerate.

- **These innovations provide new tools to address global challenges, but will also reshape the labor market in unprecedented ways.**

**Mitigating the challenges and realizing the opportunities of this new world will take a new brand of global leader...**

- **Lifelong learner**
- **Advanced data analysis & mathematical skills**
- **Root-cause analytical thinker**
- **Tech design, engineering, & maintenance skills**
- **Problem solver**
- **Reaches across borders**
- **Global mindset**
- **Interdisciplinary approach**
- **Scientific research & development skills**
- **Takes initiative**
- **Broad IT and cybersecurity competence**
- **Creativity**
- **Basic digital skills**
- **Entrepreneurial**
- **Data reporting skills**
- **Empathy**
- **Advanced IT & programming skills**

**And that takes a new brand of education and training.**

**SOURCES**